malady of the middle ear. Milligan points out that the objective symptoms are referable to the effects produced by the deposition of bacilli within the mucosa of the tympanic cavity and to the subsequent ulcerative effects which are hereby induced. Miliary tubercules are deposited in the superficial layers of the mucosa, which appear as yellowish areas in a pearly gray membrane. They readily break down, forming ulcers, which produce extensive destruction.

Koerner's efforts at entering the attic and antrum through the external auditory canal cannot help but arouse our interest. The day may be near, with our increasing knowledge of these parts and improved technic, when this operation will not be considered as ill advised to avoid under certain conditions the more radical and disfiguring procedure against the mastoid cells. Its analogy to vaginal hysterectomy and ovariotomy is interesting.

REFERENCES.

- Journal American Medical Association, March 8, 1902. Journal American Medical Association, Dec. 5, 1903.
- Journal American Medical Association, Dec. 5, Laryngoscope, April, 1903.

 Annales des Maladies de l'oreille et du Larynx.
 Journal of Laryng., Rhin. & Olol., April, 1903.

 Muenchener Medizinische Wochenshrift, 1903.

 British Medical Journal, July 18, 1903.

- British Medical Journal, July 18, 1903.

 New York Medical Journal, August, 1903.

 Edinburgh Medical Journal, July, 1903.

 Archiv. fur Laryngologie.

 Wiener Medizinische Wochenshrift, March 21, 1903.

 Annals of Otol., Rhin. & Laryng., Sept., 1903.

 Laryngoscope, Oct., 1903.

 Annals of Otol., Rhin. & Laryng, March, 1903.

 Medical News, March 14, 1903.

 Laryngoscope, May, 1903.

 Annales des Maladies de Poreille et du Larynx., Feb., 1902.

 Journal Laryng., Rhin. & Otol., March, 1903.
- Journal Laryng., Rhin. & Otol., March, 1903.

TENTH INTERNATIONAL CONGRESS OF OPHTHALMOLOGY.

The date of the next congress has been advanced a few days, in compliance with general request, and has now been fixed for the 14th, 15th, 16th and 17th of September, at Lucerne. The latest date for receiving manuscripts has been fixed at May 1st. Professor Pfluger died since the first circular was sent out, and Professor Siegrist, his successor at the University of Berne, has been appointed in his place. "Those colleagues wishing to secure accommodation at Lucerne beforehand, are advised to apply before the first of September to Dr. F. Stocker, president of the local Committee at Lucerne. He will engage for them a room at one of the best hotels (early breakfast included), at five francs a day each person.

The American Neurological Association has fixed the time of its meeting at St. Louis for September 15, 16, and 17; and this will be immediately followed by the sessions of the various medical departments of the Congress of Arts and Sciences, beginning September 19.

"Torticollis and Spinal Curvature Due to Eye-Strain," in which several interesting cases are reported, is the title of a paper by Dr. Geo. Gould in American Medicine.

Death From Wood Alcohol. "Mrs. Lillie Sullivan, of Baltimore, died as the result of drinking Jamaica ginger prepared with wood alcohol."—Pharmaceutical Era. At first blush one is tempted to condemn the dishonest manufacturer who uses wood alcohol in making his ginger. But this seems a hopeless task, so one had best condemn the poor woman who drank the concoction with such dire results.

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